

Phylum - Protozoa MCQ Question Answer

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Question: 1. The shivering, a characteristic symptom of malaria, occurs when

- Option A. sporozoites enter the blood
- Option B. metacryptozoites are liberated from the liver cells
- Option C. merozoites are liberated from RBC with toxin
- Option D. schizonts are formed in the RBC

Question: 2. The trophozoite of Plasmodium lives in

- Option A. erythrocytes of man
- Option B. liver cells
- Option C. stomach of mosquito
- Option D. blood plasma

Question: 3. A food vacuole develops in Paramecium at the distal end of

- Option A. cytopharynx
- Option B. oral groove
- Option C. cytostome
- Option D. oesophagus

Question: 4. In a Paramecium, the trichocysts are used for

- Option A. fight or flight response
- Option B. defence
- Option C. offense
- Option D. both (b) and (c)

Question: 5. The disease caused by Trypanosoma cruzi is

- Option A. sleeping sickness
- Option B. chaga's disease
- Option C. kala azar
- Option D. oriental sore

Question: 6. The infective stage of Entamoeba histolytica is

- Option A. sporozoite
- Option B. minuta form
- Option C. mature cyst
- Option D. trophic form

Question: 7. Sporogony of malaria parasite occurs in

- Option A. liver of man

- Option B. RBC of man
- Option C. stomach wall of mosquito
- Option D. salivary glands of mosquito

Question: 8. Entamoeba differs from Amoeba in not having

- Option A. nucleus
- Option B. pseudopodia
- Option C. ectoplasm
- Option D. contractile vascule

Question: 9. Mild tertian malaria is caused by

- Option A. Plasmodium vivax
- Option B. Plasmodium falciparum
- Option C. Plasmodium ovale
- Option D. Plasmodium malariae

Question: 10. Under unfavourable conditions, the Amoeba reproduces by

- Option A. binary fission
- Option B. conjugation
- Option C. encystment
- Option D. endomixis

Question: 11. The number of daughter paramecia produced following conjugation is

- Option A. 8 from one conjugant
- Option B. 8 from two conjugants
- Option C. 16 from two conjugants
- Option D. 8-16 from two conjugants

Question: 12. Amoeba secretes digestive enzymes to hydrolyse

- Option A. starch
- Option B. sugar
- Option C. proteins
- Option D. all of these and fats

Question: 13. Ingestion of some water with food in Amoeba takes place by the process of

- Option A. endosmosis
- Option B. pinocytosis
- Option C. phagocytosis
- Option D. none of these

Question: 14. The path followed by a food vacuole in Paramecium is referred to as

- Option A. cycloid

- Option B. cyclic vascular path
- Option C. cyclosis
- Option D. cyclosphere

Question: 15. Sleeping sickness in man is caused by Trypanosoma by the bite of the infective

- Option A. female Tsetse fly
- Option B. male Tsetse fly
- Option C. both male and female Tsetse flies
- Option D. male and female aedes mosquito

Question: 16. The catabolic wastes in Amoeba consist of

- Option A. water and CO₂
- Option B. water, CO₂ and minerals
- Option C. Water, CO₂, minerals and urea
- Option D. all of these

Question: 17. In the life cycle of Plasmodium, man is the

- Option A. primary host
- Option B. intermediate host
- Option C. secondary host
- Option D. alternative host

Question: 18. Locomotory organelles in the parasitic protozoa of class sporozoa are

- Option A. cilia
- Option B. flagella
- Option C. pseudopodia
- Option D. absent

Question: 19. In Paramecium, proteins are digested

- Option A. partly in endoplasm and partly in food vacuole
- Option B. during the acid phase of the food vacuole
- Option C. during the alkaline phase of the food vacuole
- Option D. both (b) and (c)

Question: 20. The schizogony cycle of Plasmodium takes place in

- Option A. alimentary canal of mosquito
- Option B. liver of man
- Option C. liver and RBC of man
- Option D. RBC of man

Question: 21. The Trypanosoma causes sleeping sickness in man. It finally involves

- Option A. liver

- Option B. blood
- Option C. brain
- Option D. cerebro-spinal fluid

Question: 22. Incubation period of Plasmodium vivax is about

- Option A. 6-8 weeks
- Option B. 10-12 days
- Option C. 15-20 days
- Option D. 20-40 days

Question: 23. The micronucleus in Paramecium is concerned with

- Option A. vegetative function of the body
- Option B. all the functions of the body
- Option C. reproductive function of the body
- Option D. locomotion

Question: 24. Amoebiasis is caused by

- Option A. Plasmodium vivax
- Option B. Taenia solium
- Option C. Entamoeba histolytica
- Option D. Entamoeba gingivalis

Question: 25. Mepacrine and Paludrine drugs are used for

- Option A. malaria
- Option B. amoebiasis
- Option C. tapeworms
- Option D. ascariasis

Question: 26. Nuclear dimorphism is observed in

- Option A. Entamoeba
- Option B. Plasmodium
- Option C. Paramecium
- Option D. Trypanosoma

Question: 27. Trypanosoma gambiense inhabits the human body in the

- Option A. blood
- Option B. Lymph
- Option C. blood and cerebrospinal fluid
- Option D. cerebrospinal fluid

Question: 28. Malaria is a disease transmitted by the bite of

- Option A. male Culex

- Option B. female Culex
- Option C. male Anopheles
- Option D. female Anopheles

Question: 29. Benign tertian malaria is caused by

- Option A. P. falciparum
- Option B. P. vivax
- Option C. P. malariae
- Option D. P. ovale

Question: 30. The pseudopodia are formed in Amoeba

- Option A. when it comes in contact with food particles
- Option B. by movement of surrounding water
- Option C. by exchange of salts with the medium
- Option D. by sol-gel transformation of cytoplasm

Answer Sheet

1	C	
2	A	
3	D	
4	B	
5	B	
6	C	
7	C	
8	D	
9	A	
10	C	
11	B	
12	D	
13	C	
14	C	
15	C	
16	C	
17	A	
18	D	
19	D	
20	C	
21	D	
22	B	
23	B	
24	C	
25	A	
26	C	
27	C	
28	D	
29	B	
30	D	